In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

 (Previously Presented) A steel sheet for vitreous enameling excellent in workability, aging properties and enameling properties, said steel sheet containing, in mass,

C: 0.0050% or less,

Si: 0.50% or less,

Mn: 0.005 to 1.0%,

P: 10x(B-11/14xN) to 0.10%,

S: 0.080% or less,

Al: 0.050% or less,

N: 0.0005 to 0.020%,

B: 0.60xN to 0.020%,

O: 0.002 to 0.0800%, and

and the balance being Fe and unavoidable impurities, and the steel sheet further containing simple or compound nitrides having a diameter of 0.02 to 0.50 μm which contain B or Al, and having the average diameter of 0.080 μm or larger, and the proportion of the number of the nitrides of 0.050 μm or smaller in diameter to the total number of said nitrides being 10% or less.

 (Previously Presented) A steel sheet for vitreous enameling excellent in workability, aging properties and enameling properties, said steel sheet containing, in mass,

C: 0.0025% or less,

Si: 0.050% or less,

Mn: 0.10 to 0.50%,

P: 10x(B-11/14xN) to 0.030%,

S: 0.030% or less,

Al: 0.010% or less,

N: 0.0035 to 0.0060%,

B: 0.60xN to 0.0060%,

- O: 0.005 to 0.0450%, and and the balance being Fe and unavoidable impurities, and the steel sheet further containing simple or compound nitrides having a diameter of 0.02 to 0.50 μ m which contain B or Al, and having the average diameter of 0.080 μ m or larger, and the proportion of the number of the nitrides of 0.050 μ m or smaller in diameter to the total number of said nitrides being 10% or less.
- 3. (Previously Presented) A steel sheet for vitreous enameling excellent in workability, aging properties and enameling properties, said steel sheet containing, in mass,

C: 0.0025% or less,

Si: 0.050% or less,

Mn: 0.10 to 0.50%,

P: 10x(B-11/14xN) to 0.030%,

S: 0.030% or less,

Al: 0.010% or less,

N: 0.0005 to 0.0033%,

B: 0.60xN to 0.90xN%,

O: 0.005 to 0.0450%, and

and the balance being Fe and unavoidable impurities, and the steel sheet further containing simple or compound nitrides having a diameter of 0.02 to 0.50 μm which contain B or Al, and having the average diameter of 0.080 μm or larger, and the proportion of the number of the nitrides of 0.050 μm or smaller in diameter to the total number of said nitrides being 10% or less.

4. (Previously Presented) A steel sheet for vitreous enameling excellent in workability, aging properties and enameling properties according to any one of claims 1 to 3, wherein the steel sheet further containing one or more of Nb, V, Ti, Ni, Cr, Se, As, Ta, W, Mo and Sn at 0.030 mass % or less in total.

5. (Currently Amended) A steel sheet for vitreous enameling excellent in workability, aging properties and enameling properties according to any one of claims 1 to 4 1-3, said steel sheet satisfying the following expression:

(the amount of N existing as BN)/(the amount of N existing as AlN) \geq 10.0

6. (Currently Amended) A steel sheet for vitreous enameling excellent in workability, aging properties and enameling properties according to any one of claims 1 to 5 1 to 3, said steel sheet satisfying the following expression:

(the amount of N existing as BN)/(the amount of N existing as AlN) \geq 0.50

7. (Currently Amended) A method for producing a steel sheet for vitreous enameling excellent in workability, aging properties and enameling properties and enameling properties characterized by:

retaining a slab containing the components according to any one of claims 1 to 4 1-3 in the temperature range from 900 to 1,100°C (Retained Temperature Range 1) for 300 minutes or longer before commencing hot rolling;

thereafter retaining it in a temperature range not less than 50°C higher than said retained temperature (Retained Temperature 2) for 10 to 30 minutes;

then cooling it to a temperature range not less than 50°C lower than said retained temperature (Retained Temperature 3) at a cooling rate of 2°C/sec. or less;

retaining it in said retained Temperature 3 for 10 minutes or longer; and thereafter commencing hot rolling.

8. (Previously Presented) A method for producing a steel sheet for vitreous enameling excellent in workability, aging properties and enameling properties and enameling properties according to claim 7, wherein hot-rolling is controlled under the condition of the time period from the

time when the coiling of a hot-rolled steel sheet terminates at a temperature of 700 to 750°C in a hot-rolling process to the time when the temperature of said steel sheet reaches 550°C or lower for 20 minutes or longer.

9. (Currently Amended) A method for producing a steel sheet for vitreous enameling excellent in workability, aging properties and enameling properties and enameling properties according to claim 7 or 8, wherein the hot-rolled steel sheet is retained in the temperature range from 900 to 1,200°C for 2 minutes or longer with the temperature of said steel sheet not lowered to 900°C or lower when the reduction ratio reaches 50% or more after commencing hot-rolling, and thereafter hot-rolling is commenced again.